

## 12.V-belt

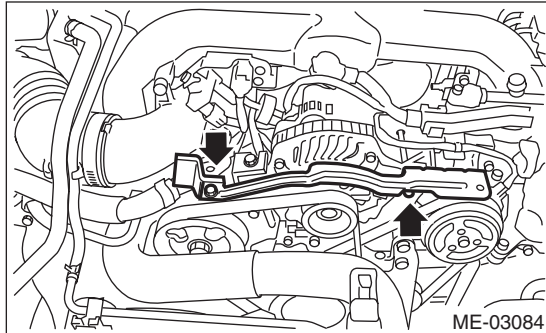
### A: REMOVAL

#### NOTE:

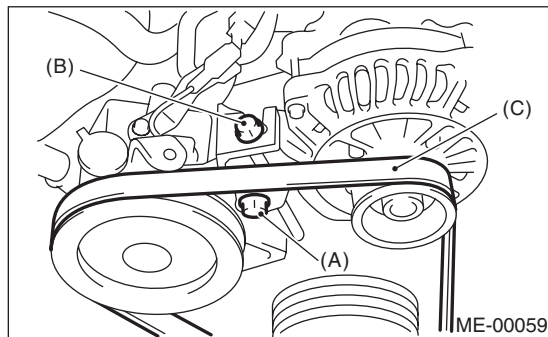
Perform the work with the engine installed to body when replacing a single part.

#### 1. FRONT SIDE BELT

- 1) Remove the collector cover.
- 2) Remove the air intake duct. <Ref. to IN(H4DOTC)-9, REMOVAL, Air Intake Duct.>.
- 3) Remove the collector cover bracket.

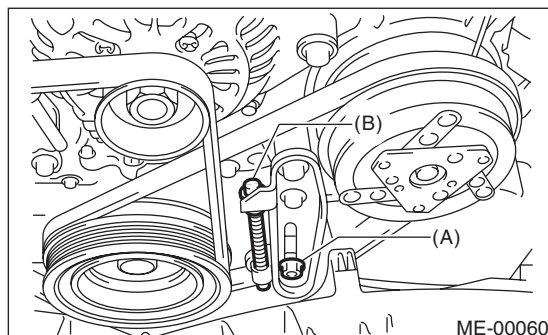


- 4) Loosen the lock bolt (A).
- 5) Loosen the slider bolt (B).
- 6) Remove the front side belt (C).



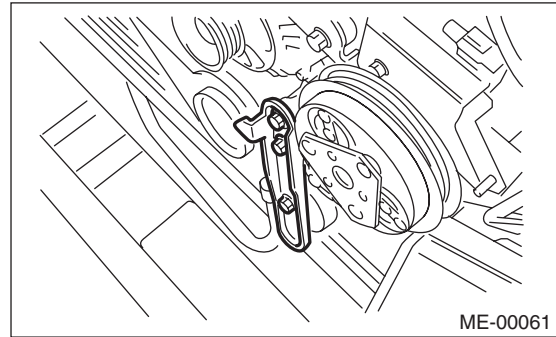
#### 2. REAR SIDE BELT

- 1) Remove the front side belts. <Ref. to ME(H4DOTC)-37, FRONT SIDE BELT, REMOVAL, V-belt.>
- 2) Loosen the lock nut (A).
- 3) Loosen the slider bolt (B).



- 4) Remove the rear side belt.

- 5) Remove the belt tensioner.



### B: INSTALLATION

NOTE:

Wipe off any oil or water on the belt and pulley.

#### 1. FRONT SIDE BELT

- 1) Install the front side belt (C), and tighten the slider bolt so as to obtain the specified belt tension. <Ref. to ME(H4DOTC)-39, INSPECTION, V-belt.>
- 2) Tighten the lock bolt (A).
- 3) Tighten the slider bolt (B).

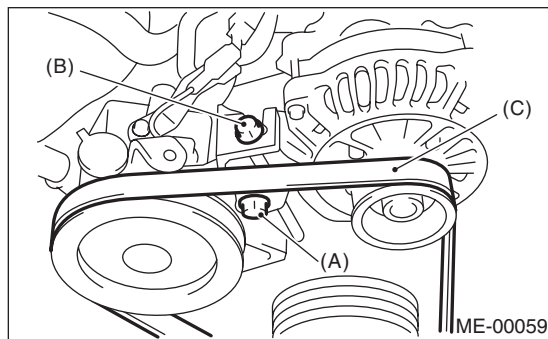
**Tightening torque:**

**Lock bolt (A):**

**25 N·m (2.5 kgf-m, 18.1 ft-lb)**

**Slider bolt (B):**

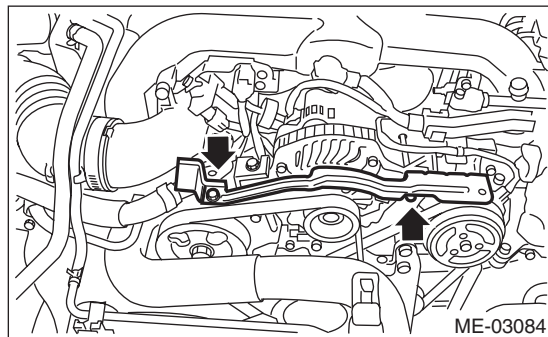
**8 N·m (0.8 kgf-m, 5.9 ft-lb)**



- 4) Install the collector cover bracket.

**Tightening torque:**

**6.4 N·m (0.65 kgf-m, 4.7 ft-lb)**



- 5) Install the air intake duct. <Ref. to IN(H4DOTC)-9, INSTALLATION, Air Intake Duct.>
- 6) Install the collector cover.

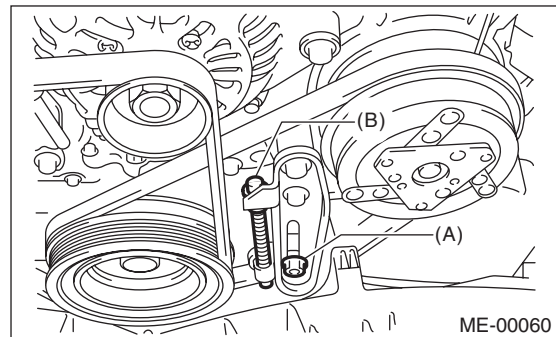
#### 2. REAR SIDE BELT

- 1) Install the belt tensioner.
- 2) Install the rear side belt, and tighten the slider bolt (B) so as to obtain the specified belt tension. <Ref. to ME(H4DOTC)-39, INSPECTION, V-belt.>
- 3) Tighten the lock nut (A).

**Tightening torque:**

**Lock nut (A):**

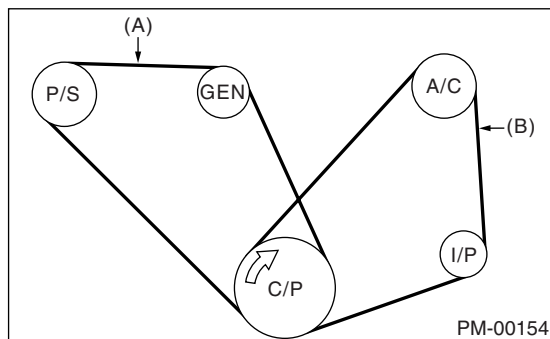
**22.6 N·m (2.3 kgf-m, 16.6 ft-lb)**



- 4) Install the front side belt. <Ref. to ME(H4DOTC)-38, FRONT SIDE BELT, INSTALLATION, V-belt.>

**C: INSPECTION**

- 1) Replace the belts, if crack, fraying or wear is found.
- 2) Check the V-belt tension and adjust it if necessary by changing the generator installing position or idler pulley installing position.

**Belt tension (with belt tension gauge):****(A)****When installing new parts:****640 — 780 N (65 — 80 kgf, 144 — 175 lb)****At inspection:****490 — 640 N (50 — 65 kgf, 110 — 144 lb)****(B)****When installing new parts:****650 — 750 N (66 — 76 kgf, 146 — 169 lb)****At inspection:****350 — 450 N (36 — 46 kgf, 78 — 101 lb)**

(A) Front side belt

(B) Rear side belt

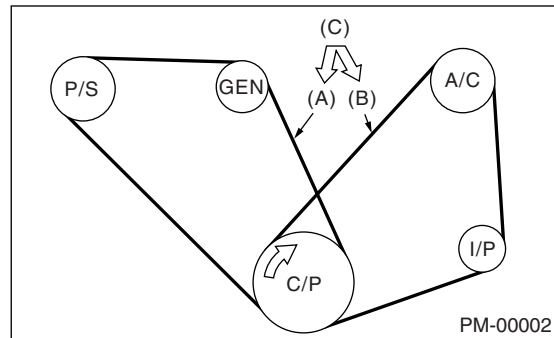
C/P Crank pulley

GEN Generator

P/S Power steering oil pump pulley

A/C A/C compressor pulley

I/P Idler pulley

**Belt tension (when not using a belt tension gauge)****(A)****When installing new parts:****7 — 9 mm (0.276 — 0.354 in)****At inspection:****9 — 11 mm (0.354 — 0.433 in)****(B)****When installing new parts:****7.5 — 8.5 mm (0.295 — 0.335 in)****At inspection:****9.0 — 10.0 mm (0.354 — 0.394 in)**

(A) Front side belt

(B) Rear side belt

(C) 98 N (10 kgf, 22 lbf)

C/P Crank pulley

GEN Generator

P/S Power steering oil pump pulley

A/C Air conditioning compressor pulley

I/P Idler pulley